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/ Ruth Montalvo Date: March 10, 2004

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Customer No. 026418

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.	GK-ZEI-3145 / 500343 20146		
Applicant(s):	Karlheinz BARTZKE, et al		
Application No.:	09/980,722	Group:	2834
Filed:	February 13, 2002	Examiner:	K. B. Addison
For:	ADJUSTING DEVICE FOR DISPLACING INDIVIDUAL ELEMENTS OF OPTICAL SYSTEMS OR OF MEASURING SYSTEMS		

Commissioner for Patents
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. The items listed on the enclosed PTO Form PTO-1449 may be deemed to be pertinent to the above-identified application are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

This IDS contains German Published Application DE 691 25 974 T2 which is in a foreign language. Pursuant to 37 C.F.R. Section 1.98(a)(3)(i), Applicant provides the following concise explanation of the relevance (translation of claim 1):

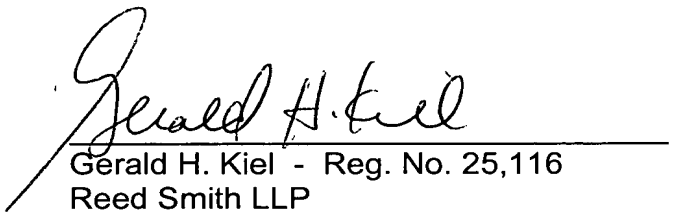
> Drive arrangement, having a drive element that is, as host, connected to at least one piezoelectric element, in order to agree with an expansion/contraction movement, a control arrangement for controlling the expansion/contraction of the piezoelectric element, so that the expansion speed is different from the contraction speed, a driven element, that over a

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first fraction arrangement being in friction contact with the drive element, characterized in that the drive element, over a second friction arrangement, creates friction of a fixed section, whereby the sum of the produced friction by way of the first and second friction arrangement is larger than a force of the weight of the driven elements and whereby the produced friction from the first friction arrangement is larger than that of the produced force of the second friction arrangement.

This submission is not an admission that the information disclosed in the documents is material to the patentability of the invention disclosed and/or claimed in the above-identified application.

Respectfully submitted,



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	09/980,722
Filing Date	February 13, 2002
First Named Inventor	K. BARTZKE, et al.
Art Unit	2834
Examiner Name	K. B. Addison
Attorney Docket Number	GK-ZEI-3145/500343.20146

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,894,579	01/16/1990	Higuchi, et al.	
		US-5,225,941	07/06/1993	Saito, et al.	
		US-5,281,875	01/25/1994	Kiesewetter, et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3] - Number[4] - Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		DE 691 25 974 T2	01/08/1992			✔

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known	
Application Number	09/980,722
Filing Date	February 13, 2002
First Named Inventor	K. BARTZKE, et al.
Group Art Unit	2834
Examiner Name	K. B. Addison
Attorney Docket Number	GK-ZEI-3145/500343.20146

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		Journal of Scientific Instruments (Journal of Physics E) 1969 Series 2 Volume 2, revised form June 12, 1969, pgs. 661 - 663, Article: Micro-step motor by G.C. Joyce, et al.	
		Electronics And Communications in Japan, Part 3, Vol. 81, No. 11, 1998, pgs. 11-17; Article: Development of Linear Actuators Using Piezoelectric Elements, by Okamoto, et	
		1988 American Institute of Physics, 2/88, pgs. 368-369, Article: Simple piezoelectric translation device, by Niedermann, et al.	

Examiner Signature		Date Considered	

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